

C17 Mono-Sulfo Galactosyl(β) Ceramide (d18:1/17:0)

3-O-sulfo-D-galactosyl-β1-1'-N-heptadecanoyl-D-erythro-sphingosine (ammonium salt), (synthetic)

860572P-1mg
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Molecular Weight	811.162
Chemical Formula	C ₄₁ H ₈₂ N ₂ O ₁₁ S
Physical State	Powder
Storage	-20 °C
Expiration Date	One year from date of receipt
M Lot Number	6016PGA010
Avanti Lot Number	860572P-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 793.162 ± 1 amu	[M-NH ₄] ⁺ = 793.10 amu

Approved by:

